

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

**LISTING OF CLAIMS:**

1-15. Canceled.

16. (Amended) A method of treating glial cells damaged from CNS injury, wherein said CNS injury predominantly affects glia, comprising administering to the CNS of a mammal in need thereof, an effective amount of IGF-1.

17-27. Canceled.

28. (Amended) A method of treating glial cells damaged from CNS injury, wherein said CNS injury predominantly affects glia, comprising administering to the CNS of a mammal in need thereof, an effective amount of a biological analog of IGF-1, wherein said analog is selected from the group consisting of naturally-occurring analogs, IGF-2, and des 1-3 IGF-1.

29-63. Canceled.

64. A method for treating non-cholinergic cells damaged from CNS injury, comprising administering to the CNS of a mammal in need thereof, an effective amount of IGF-1, wherein the CNS injury is an injury to the hippocampus.
65. A method of treating non-cholinergic cells damaged from CNS injury, comprising administering to the CNS of a mammal in need thereof, an effective amount of a biological analog of IGF-1, wherein the CNS injury is an injury to the hippocampus and further wherein said analog is selected from the group consisting of naturally-occurring analogs, IGF-2, and des 1-3 IGF-1.
66. The method according to Claim 16, wherein said CNS injury is a demyelinating disorder.
67. The method according to Claim 16, wherein said CNS injury is multiple sclerosis.
68. The method according to Claim 16, wherein said CNS injury is periventricular leucomalacia.
69. The method according to Claim 16, wherein said CNS injury is carbon monoxide inhalation.
70. The method according to Claim 16, wherein said CNS injury is ammonia intoxication.
71. The method according to Claim 16, wherein said CNS injury is gaseous intoxication.

- 72. The method according to Claim 28, wherein said CNS injury is a demyelinating disorder.
- 73. The method according to Claim 28, wherein said CNS injury is multiple sclerosis.
- 74. The method according to Claim 28, wherein said CNS injury is periventricular leucomalacia.
- 75. The method according to Claim 28, wherein said CNS injury is carbon monoxide inhalation.
- 76. The method according to Claim 28, wherein said CNS injury is ammonia intoxication.
- 77. The method according to Claim 28, wherein said CNS injury is gaseous intoxication.